

VT-300

Automatic Vehicle Locator User Manual

Version 2.7

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I Hardware installation

A Working Directions

Thank you for your purchase of VT300 Automatic Vehicle Tracker. In order to realize the full functions of this product, please read this manual carefully before starting to use the product.

1. This product can only be maintained and repaired by qualified professional service personnel. If you detach this product for maintenance or repair, your warranty will be invalidated.
2. When connecting the other devices, read carefully their instruction manuals ,so as to carry out correct installation; do not connect incompatible device.
3. Please use genuine original parts and qualified batteries and peripheral equipments, so as to avoid damage to this product.
4. As this product is a high-tech product, please read carefully this manual before starting to use the product, so as to avoid inappropriate operation.
5. Drivers should not operate this product while driving a vehicle, thereby ,affecting safe driving.
6. This product can work properly only when GSM communication is in good condition.
7. Please reduce electromagnetic wave interference to the product; and use it properly.
8. GPS communication is liable to be affected by environmental shielding; may fail to carry out positioning during certain circumstances. It will resume the positioning function as soon as it leaves the shielding environment. This is normal. Please do not worry when encountering such problem.
9. Each signal sent out from the system will be confirmed for successful transmission in the base station of the mobile operator. However, if system stoppage occurs or if the mobile telephone is preset to a switch off state by the customer, it cannot ensure successful transmission.
10. For safety reason, do not tell the other people your VT300 mobile number ,without taking precautions. Otherwise, your privacy may be compromised along with other safety problem.

B. System Introduction

VT300 is a high-tech product through cooperation with mobile operators. It combines GPS Global Positioning System and GSM/GPRS communication system, which can clearly inform you the position & situation of your car.

GPS is the abbreviation for Global Positioning System, which based on 24 position location satellites around the earth orbit. Their locating precision can be kept within 10 to 15 meters.

GSM is the second digital mobile communication system (GPRS, second and fifth digital mobile communication system), and at present it is the mobile communication system that has the largest coverage and owns the most number of users. This product combines GPS and GSM/GPRS technologies together. It uses GPS system to locate your car, and sends the position/ situation report back to you via GSM/GPRS communication system. With a delicate mobile phone, you can monitor the present situation in your car from a faraway place. You can use the telephone remote control function to set monitoring mode, which will report the situation of your car to you periodically.



Following are the major function descriptions for the VT300 products.

GPS Position Tracking Function

With this function, the vehicle owner will be able to know the geographic coordinates, direction, and other related information of the car anytime in any place. The report methods can be via SMS short message service. You can also select a one time report or continuous report (tracking function).

SOS Alarm Function

Geo-Fence Alarm Function

Over Speed Alarm Function

C. Wiring Installation

1. Product Parts List

- ☐ AVL Unit



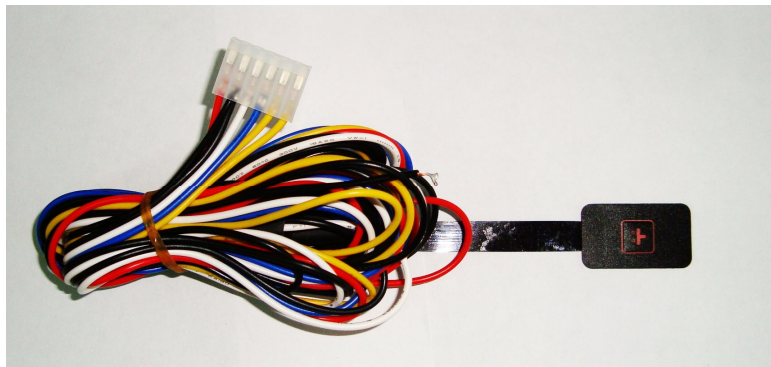
- ☐ GPS Antenna



☐ GSM Antenna



☐ Car Charger Lighter Socket (Include SOS button and Fuse)



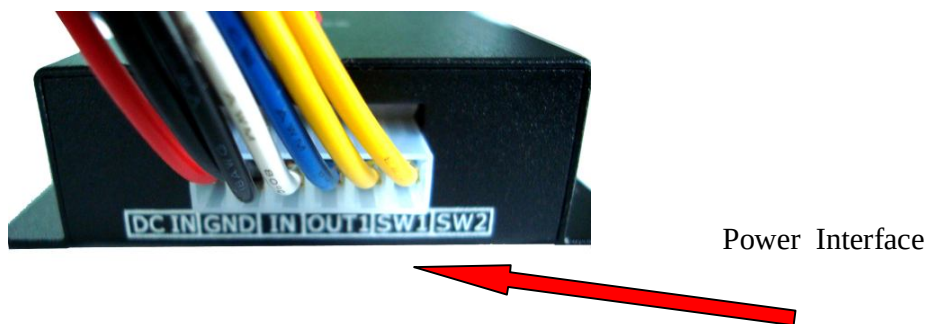
☐ CD (optional)



2. Precaution before Installation

- ☐ Check if all the parts are included.
- ☐ Prepare a SIM card for GSM communication. Use some other mobile phone to confirm that the PIN code has not been set, and that it can dial out and receive telephone calls without problem.
- ☐ Before installing the SIM card, make sure to cut off power from the AVL unit. The correct installation method is to push the tray completely into the AVL unit, until you feel it is hooked by something.
- ☐ Find a suitable place inside the car for installing the unit.
- ☐ Check if all the wiring has been connected correctly; then connect the AVL unit to the power source.

3. Panel Description



4.INSTALLATION

4.1 Step 1: Install SIM Card

(1) Unscrew and remove the front cover of your locator.

(2) Insert the SIM card by sliding it into the card holder slot, with the chip module facing to the connectors on PCB, as direction shown in the picture.



(3) Put back the front cover and screw it up.

※ Make sure to turn off the power before installing the SIM card.

※ **Make sure to deactivate the PIN code, so that the SIM card can operate without PIN protection.**

※ **Before install the SIM card to the GPS Tracker, please use a mobile phone to make sure the SIM card can make & receive phone calls without problem.**

※ Before install the SIM card to the GPS Tracker, please use a mobile phone to empty the SMS storage of the SIM card.

4.2 Step 2: Install GSM Antenna

- Connect the GSM Antenna to the unit.



- Fasten the connection by turning the screw in the bottom.
Please do not swing round the antenna itself.

4.3 Step 3: Connect GPS Antenna



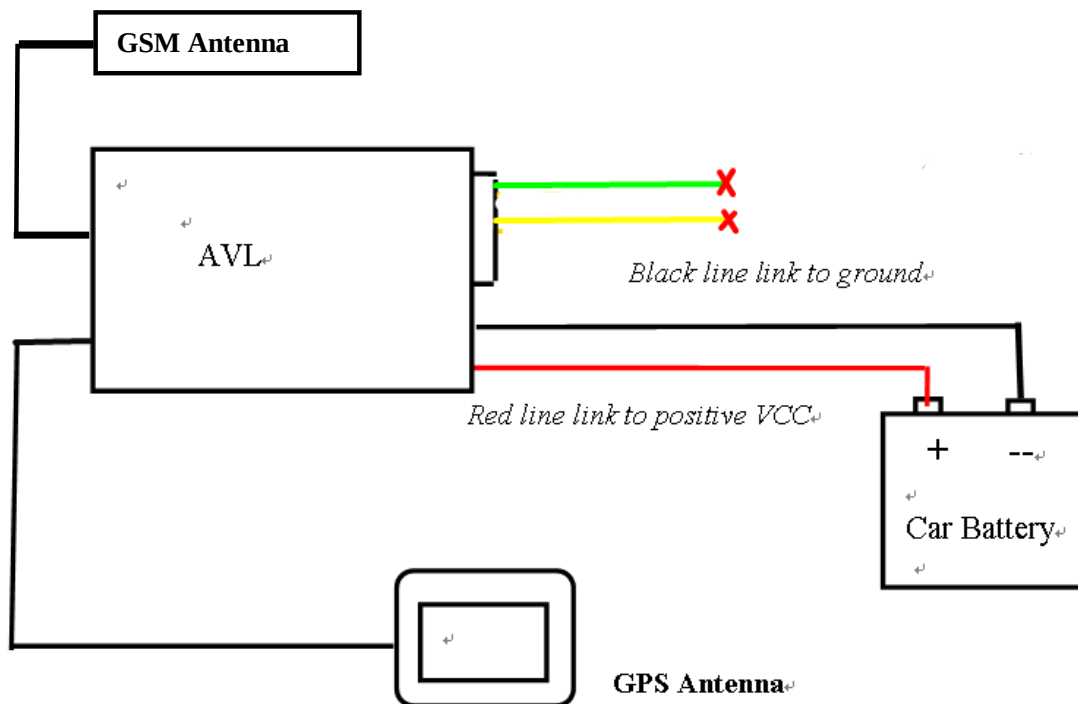
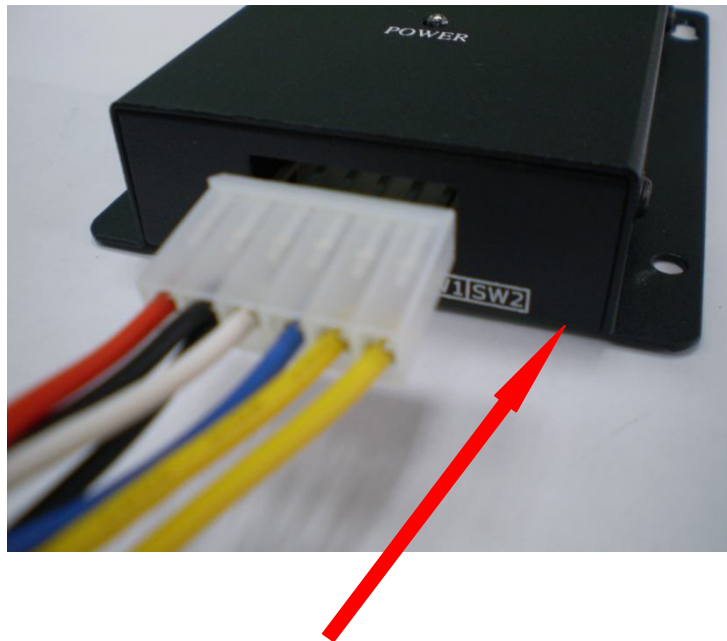
※ GPS antenna is used to receive satellite signals in the sky. It should be positioned where it will have an unobstructed view of the sky. The ideal location is on top of the dashboard or close to the rear window of the car.

※ GPS antenna can pick up signals through glass and plastic, but will not “see the sky” through metal or other conductive surfaces. To avoid distractions of GPS signal, make sure the antenna is not covered or shielded by any object containing metal, such as the metallic windshield.

※ If your car is with metallic windshield, please cut a hole on the windshield above the place where you put the GPS antenna, so that the antenna can receive the GPS signals.

4.4 Step 4: Connect power charging

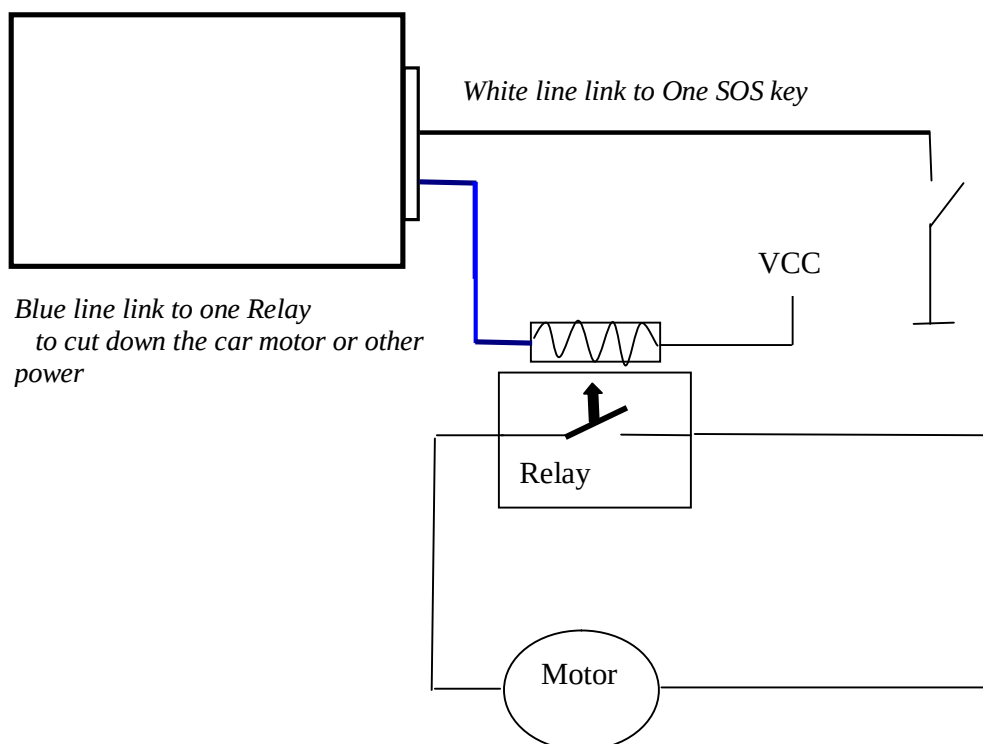
VT300 connects to the car charger lighter socket.



PIN description for VT300 socket:

Pin	Colour	function
1	Red	DC IN (power input) Input voltage : 9V~25V (important) Suggested : 12V
2	Black	GND
3	white	IN :Control signal input (for example, you can input one pressing key single) See following application example
4	Blue	Out :Control signal output See following application example
5	Yellow	SW1 : Connect the power switch
6	Yellow	SW2 : Connect the power switch

Pin IN and OUT1 application example:



OUT1 Pin operation :

- (1) connect the relay as above picture shows, and calculate the correct VCC value according to the relay parameter to make sure to following requirement:

Out1 Input voltage	Must < 50V
Out1 input current	Must < 500mA

- (2) Send one following SMS to give the relay the current to drive it :

W*****,020,1,1

- (3) Send one following SMS to cut off the current of the relay.:

W*****,020,1,0

IN Pin operation:

- (1) connect one SOS key as above picture show.

- (2) Send one following SMS to set SOS alarm phone number for call centre

W*****,003,1,1,Tel number

Tel number: the SOS alarm phone number of aid centre ,
for example: 0086135688992783

- (3) When someone press the SOS key, the call centre (for example: 0086135688992783) will receive the SOS Alarm SMS

---- “ SOS Alarm”

5. Wiring Description

- ☐ Connect the wiring correctly.
- ☐ The AVL unit should be connected to power source, after all the wiring work has been completed and checked.
- ☐ GPS antenna is used to receive satellite signals in the sky. It should be fixed to face the sky; and should not be covered or shielded by any object containing metal, such as the metallic windshield.
- ☐ Wiring connections must be firm and reliable; and the joints should be wrapped with insulating tape tightly.
- ☐ The unused electrical wire should be properly insulated.

6. Description of the LED Indicators

	SYSTEM STATE (RED LAMP)
Flash	Work normally
Constant Glow	Charging
Constant Dark	In trouble or no power

7. Inspection Item after Installation

- ☐ After connected to the power source, the RED LED Indicator should be “constant glow” or “Flash”.

D. Operating Instructions

1. Position Report Function

No matter where you are, when you want to know the position of your vehicle, send a SMS message or make a telephone call to the VT300; it will report its location back to you by SMS .

Edit a message as following format, then send it to VT300:

Format: W+Password+, +000

(*init password is : 000000*)

For example: **W000000,000**



The VT300 will send back one SMS ,which includes the position information



Position Data means :

Longitude = 114 degree - 04 cent - 57.74 second

Latitude = 22 degree - 32 cent - 40.05 second

Tips:

Apply for one position service by **another easier way:**

- (a) Make a cell phone call to VT300
- (b) After listening the ring of VT300, wait for about 10s ,then you can hold off the dialup --
- (c) Then, after 10 second, the cell phone will receive the Position SMS.

2. Tracking Function

Tracking report function can be turned on or off according to the requirements of the user. Tracking function will continually report vehicle position until it gets stop command .In this tracking module , VT300 will send one position message at a preset time interval.

Step1.Edit a message as following format, then send it to VT300:

----- **W+Password+,+002,+XXX**

(Note : XXX Unit: preset minute interval

-- if XXX=000 it is STOP tracking)

For example : **W000000,002,005**

(its means is VT300 will send Position Data every 5 minute.)



Step2. VT300 will send back one SMS-----Set Time (preset time interval) OK.

In this example, the SMS is **Set Time (005 Min) OK**

This SMS means that VT300 is in tracking mode now and preset time interval is 5 minutes.

Step3. VT300 will send back position SMS at preset time interval.

In this example, the SMS will send back at preset time interval :5 minutes

3. Stop tracking function.

This function is used to turn off tracking report function.

Edit a message as following format, then send it to VT300:

Format: W+password+,+002+,+000

For example : W000000,002,000

The VT300 will reply by one SMS-----Stop Timer OK. This message means tracking report function is turned off.

E. Hardware Specifications

Feature	Characteristics
GPS chipset	SirF III
Power Supply	+9V to +25V
Power Consumption For VBATT	Active mode(peak) < 1.0A Active mode(avg.) < 300mA Idle mode < 50mA Sleep mode < 5mA
Operating Temperature Range	-20°C to +60°C
Storage Temperature Range	-20°C to +70°C
Humidity	Up to 75% non-codensing
External Antenna	Connected via the 50Ω coax connector
External SIM Card	Connected via SIM Card connector
SIM card type	3V
Transmit Power	Class 4(2W) for E-GSM 900 and 850 Class 1(1W) for DCS 1800 Class 1(1W) for PCS 1900
Sensitivity	-104 dBm minimum for E-GSM 900 and 850 -102 dBm minimum for DCS 1800 -102 dBm minimum for PCS 1900
Speech Codec	Triple rate Codec: Half rate –ETS 06.20 Full rate –ETS 06.10 Enhance Full rate-ETS 06.50/06.06/06.08
GPRS	Multi-slot Class 8(4Rx , 1Tx , 5 slot Max.) Support all 4 coding schemes(CS-1, CS-2, CS-3 and CS-4) - Maximum download speed is 85.6kbps - Maximum upload speed is 21.4kbps
Circuit-Switched Data Rate	14.4kbps

Interface	Full duplex 3V CMOS-level Serial interface for AT commands protocol
Dimensions	11.4 x 8.0 x 2.0 (cm)

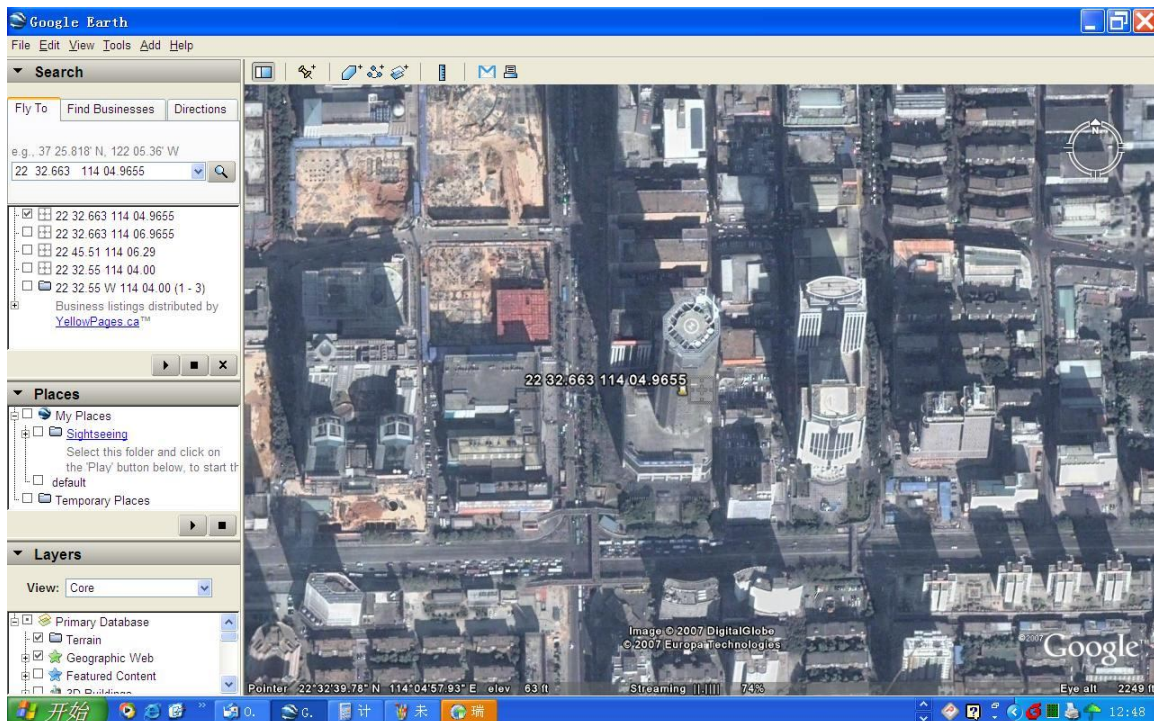
F. Track GPS Location by Google Earth/Maps

You can get the latitude & longitude data by sending “W+Password+, +000” SMS command Code to the GPS Tracker VT300. Input the received latitude & longitude data to **Google Earth** (from earth.google.com) or **Google Maps** (maps.google.com), then you can find the position fix in the map. Please find below the example.

1) Send a SMS Command Code “W+Password+, +000” to the GPS Tracker VT300. For example, the init password is : 000000, the SMS command code is: **W000000,000**

2) GPS Tracker will send back some data similar to below, with latitude/ longitude figures.

3) Start the Google Earth software.(For more information about Google Earth software, please refer to <http://earth.google.com/>). Input the latitude/ longitude data into the column of “Search” and click on search button, Google Earth will display the position map for you ,as following picture shows:



G More Professional SMS Instruction

***** is user password , and init password is 000000

	SMS Instruction	Format	Note
1	Request one position	W*****,000	
2	Modify user password	W*****,001,#####	***** is old password ##### is new password
3	Set the time interval to position refresh	W*****,002,XXX	XXX(3 digital) =000,stop =[1,999] time internal (unit: mins)
4	Set a preset phone number for SOS button When this button is pressed, VT300 will dial the preset number.	W*****,003,1,1,TelNumber	TelNumber: Preset Tel number (TelNumber must <16 digits)
5	Set low power alarm When the Vt300 voltage is lower than the preset value, Vt300 will send one lower power alarm SMS to the SOS preset number.	W*****,004,X	X (voltage preset value) =0 , close =1, <3.3V send SMS alarm =2 , <3.4V send SMS alarm =3 , <3.5V send SMS alarm (default) =4 , <3.6V send SMS alarm =5 , <3.7V send SMS alarm
5	Set over speed alarm When the Vt300 speed higher than the preset value, Vt300 will send one over speed alarm SMS to the SOS preset number.	W*****,005,XX	XX (the speed preset value) =00 , close =[01<XX<20] (unit: 10Km)
6	Set Geo-fence alarm When the VT300 move out preset scope, Vt300 will send one Geo-fence SMS to the	W*****,006,XX	XX (preset distance to original place) =00 close =01 30m =02 50m =03 100m

	SOS preset number.		=04 200m =05 300m =06 500m =07 1000m =08 2000m
8	Extend setting (note: Please use this instruction carefully)	W*****,008,ABCDEFGG###	A=0 , Close position report function which get position SMS by Calling VT300 A=1 , Open position report function which get position SMS by Calling VT300 B=0, position SMS format be analyzed in order to read easily. For example: <i>Longitude = 114 degree - 04 cent - 57.74 second</i> <i>Latitude = 22 degree - 32 cent - 40.05 second</i> B=1, position SMS format is NMEA 0183 Format For example: <i>\$GPRMC,072414.000,V,3114.3763,N,12131.3255,E,0.00,0.00,050805,*00</i> C=0, Vt300 do NOT hang up when one call incoming . C=1, VT300 hang up after 4~5 rings when call incoming D=0, VT300 do NOT send one notice SMS to SOS preset number when the GT30 power on D=1, VT300 do send one notice SMS to SOS preset number when the GT30 power on E=0, VT300 do NOT shut down automatically when the power voltage lower than 3V E=1, Vt300 will shut down automatically when the power voltage lower than 3V F=0, Vt300 do NOT send the notice SMS to the SOS preset number when the GPS signal is weak F=1, Vt300 send the notice SMS to

			the SOS preset number when the GPS signal is weak ~~###~~, end character (Default value should be : ABCDEFG=1011110)
9	Set sleep mode for saving power.	W ~~*****~~ ,021,XX###	~~XX~~=00 close sleep mode ~~XX~~=01 sleep ~~XX~~=02 deep sleep
	GPRS setting		
9	Set the phone number for VT300 for GPRS	W ~~*****~~ ,010,tel	~~tel~~ : telephone number according the SIM card of GT30 (tel must be < 14 digits)
10	Set APN	W ~~*****~~ ,011,APN	~~APN~~ : APN string
11	Set IP Address &port number	W ~~*****~~ ,012,IP,PORT	~~IP~~: xxx.xxx.xxx.xxx ~~PORT~~: [1,65536]
12	Open / Close GPRS function	W ~~*****~~ ,013,X	~~X~~=0 Enable Protocol B (Suggestion) ~~X~~=1 Enable Protocol A

H GPRS communication setting

Step1: Make sure that your SIM card in VT300 support the GPRS function

Step2: Set tracker ID of VT300 by send one SMS:

SMS Format: W*****,010, Tracker ID

For example :

W000000,010,123456

GT30 will response one SMS to confirm the setting.

For example : **“Set SIM OK/123456”**

(tip:

“123456” can be considered to be the device’s name. (Tracker ID must be < 14 digits)

If there are several devices ,you can use their Tracker ID to differ from each other.)

Step3 : Set IP address and Port by send one SMS

SMS Format: W*****,012,IP,PORT

IP: xxx.xxx.xxx.xxx

PORT: [1,65536]

For example :

W000000,012,202.116.11.12,8000

GT30 will response one SMS to check it.

Like **“Set IP ok /202.116.11.12#8000”**

(tip:

Make sure that the IP should be the Extranet IP. If your pc is in Intranet ,you must know your Extranet IP . You may need the help of you network administrator)

Step4: Set APN String

SMS format : W*****,011, APNString

For example :

W000000,011, CMNET

GT30 will response one SMS to check it

For Example **“set APN OK /CMNET”**

Step5: Set time interval of sending GPRS package

SMS format: W*****,014 , XXXXX

XXXXX: means times interval, (Unit: 10s)

(The length of XXXXX **MUST** be **5 digits**)

XXXXX=00001, means time interval is 10s;

XXXXX=00000, means **STOP** GPRS function.

For example:

W000000,014,00003

SMS meaning: Make GT30 send a GPRS package every 30 seconds

GT30 will response one SMS to confirm the setting .

For example **“set GPRS Timer ok/00003”**

(tip: W000000,014,00000 mean **STOP** GPRS function)

Step6: Enable communication protocol type

SMS format: **W*****,013,X**

X meaning is defined by Kiswara GPS.

You can set it as 1 or 0

X=0: Enable Protocol B (Suggestion)

X=1: Enable Protocol A

For example: **W00000, 013, 1**

W00000, 013, 0

(tip: About the detail of Protocol B or Protocol A

pls contact with our support teams: customer@kiswara.net)

Step7 : According to the document of our **Kiswara GTP communication protocols** , the server can analyses the GPRS data.

Please contact us if you have not this protocol : customer@kiswara.net

(tips:

1 You can get the latitude & longitude data sent from GT30 by GPRS every interval time from the Any software of TCP receiver ,which is installed in your PC.

2 if you require the document about GTP communication protocol of GT30, please contact us by mail. Our mail address: annagps@gmail.com)

3 for bulk number:

You can configure VT300 by PC tools named "Parameter Editor" in CD

----the tools is be designed by Kiswara GPS, and it is for configuring bulk number of Tracker unit, And the customers require one special USB configure cable from Kiswara GPS which connect PC with Tracker unit.

For detail, read Kiswara Configuration tool V1.02 User Guide in CD

GPS Tracker Parameter Editor V1.02

APN: CMNET
 APN Name:
 APN PW:
 TM:
 ID:
 IP:
 Port:
 GPRS
 Low Bat: 3.5V
 Speed: Km/h
 Area Alarm: Nul
 Sleep:
 Other
 PW:
 SetPW
 SMS1:
 TEL1:
 SetKey1
 SMS2:
 TEL2:
 SetKey2
 SMS3:
 TEL3:
 SetKey3
 SMSSTX:
 SMSTX
 TelSTX:
 TelSTX
 Tel:
 TM:
 Min
 SMS
 Init All
 Read All
 TelToSMS
 LatMode
 AutoOffTel
 RstAlarm
 GPSAlarm
 SeLEDOff
 ExSMSMode
 COM1
 Open

I DIY !!! Build your control center system on your PC

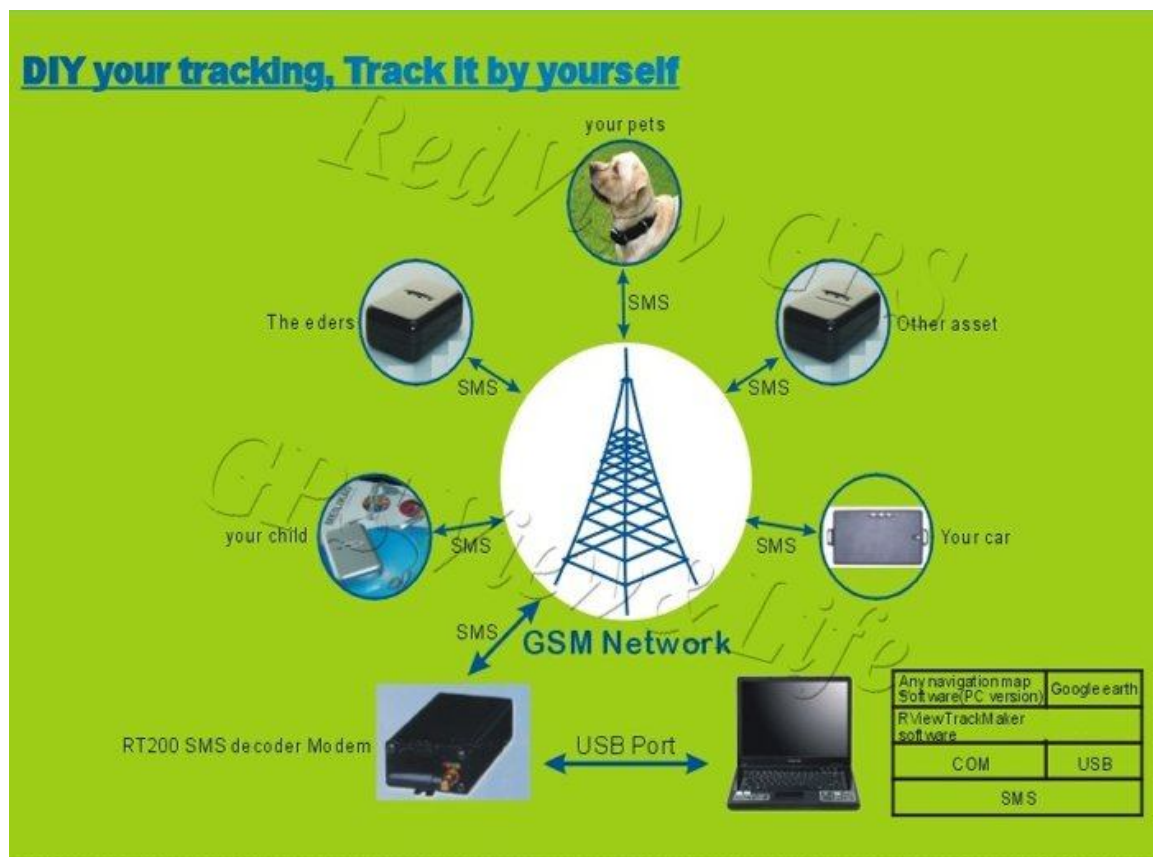
1 Overview

Kiswara GPS provide one low cost solution to help you build your control center system on your PC, which is much cheaper than other center system.

You NEED: ---- (**very low cost**)

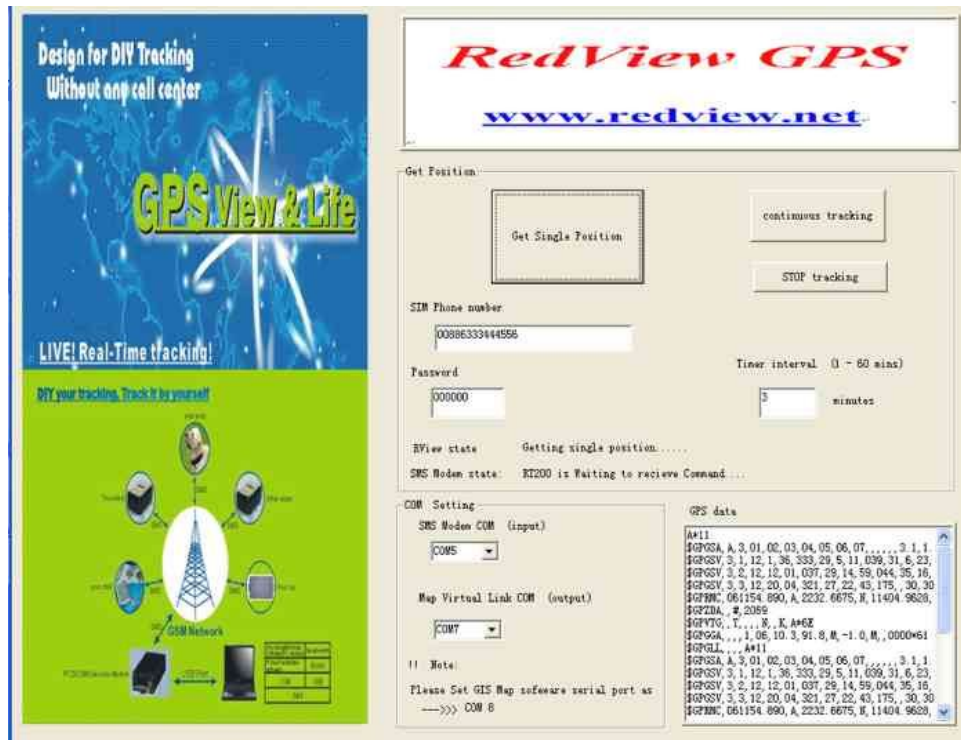
- (1) Google Earth Plus (<http://earth.google.com/products.html>)
Or any other navigation map software (PC version)
- (2) one PC
- (3) RT200 SMS modem (provided by Kiswara GPS)
- (4) RView TrackMaker software on PC (provided by Kiswara GPS freely)
- (5) Some VT300 (provided by Kiswara GPS)

2. System structure

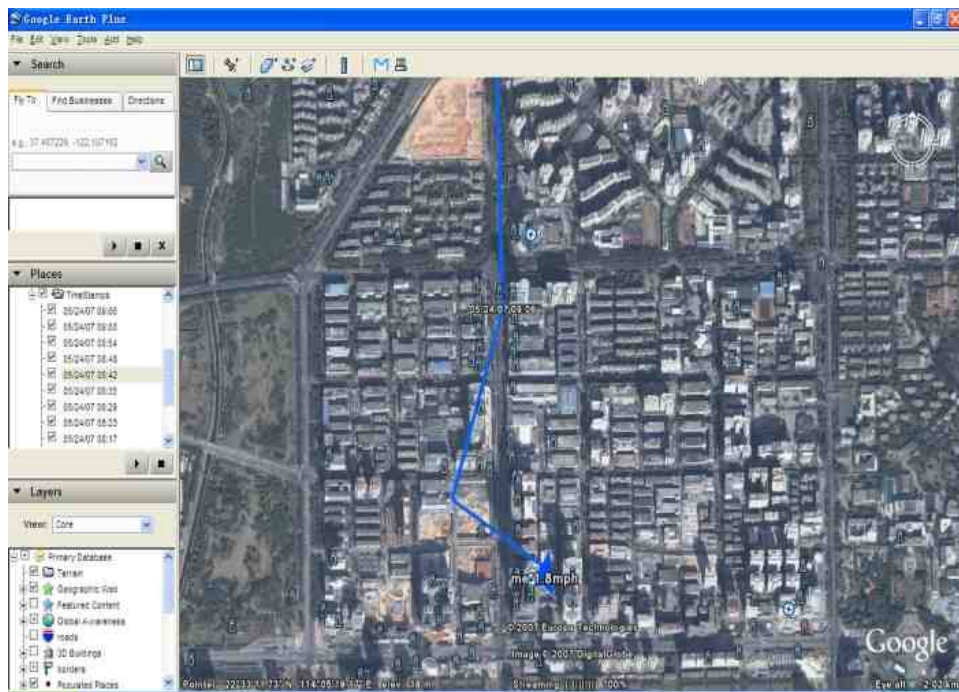


3. Software Interface

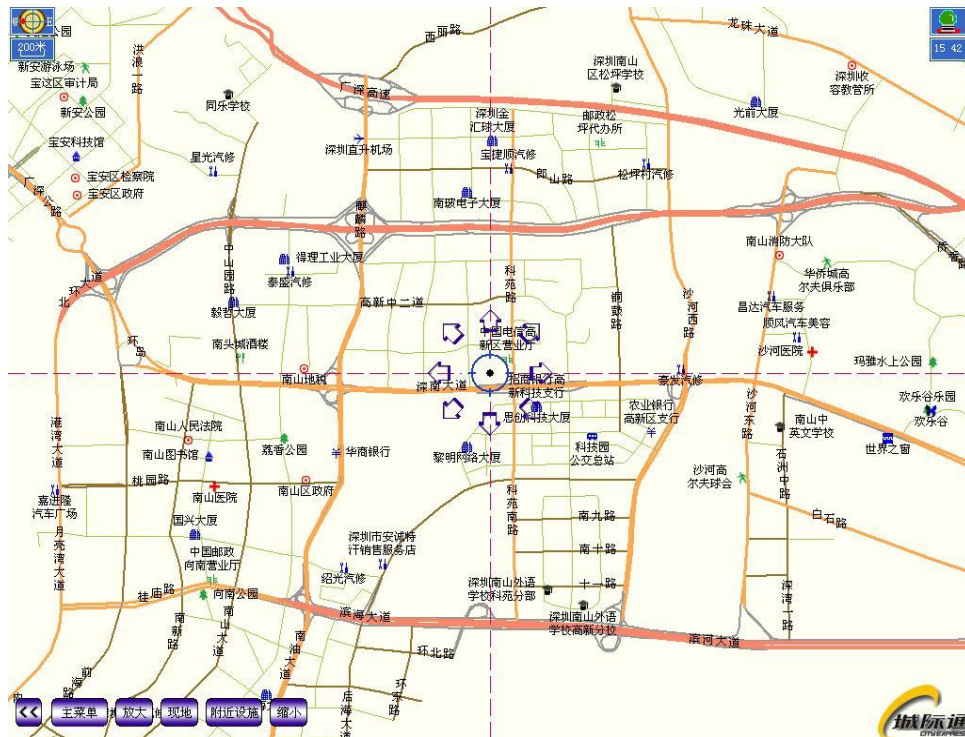
RViewLinker



Google earth



One navigation map software



J DIY Tracking Kits for GPRS-TCP

1.Overview

This DIY system was specially developed for Kiswara GPS Trackers. With this application software, + Kiswara GPS Tracker, +RViewLinker , you will be able to use your own PC to track the position of your loved one without the need of a call center. For example, you can use this system to monitor your child, the elders, the pets, your car, or the assets installed with our GPS Tracker - live and real-time. Without any payment to the call center.

This application software enables you to use Google Earth to track your vehicle(s) LIVE & Real-Time in office or home by your own PC; without the call center. It can also replay the historical route(s) afterwards.

DIY call center. It is specially designed for small enterprise and family application. You customer can setup its own call center at a very cheap cost, no monthly service payment is required. The position and trace of the target can be shown on electronic map directly, without manual input.

Features:

- 1 Build your own control center system at very low cost;**
- 2 DIY your tracking, and Without any payment to center service;**
- 3 Easily support up to 500 GPS Trackers;**
- 4 Support the trace storage and replay;**

5. Living and Real time;
6. Easily use, a good choice for small enterprise, home, small group.
7. The customers can select their favorite map by themselves

Application :

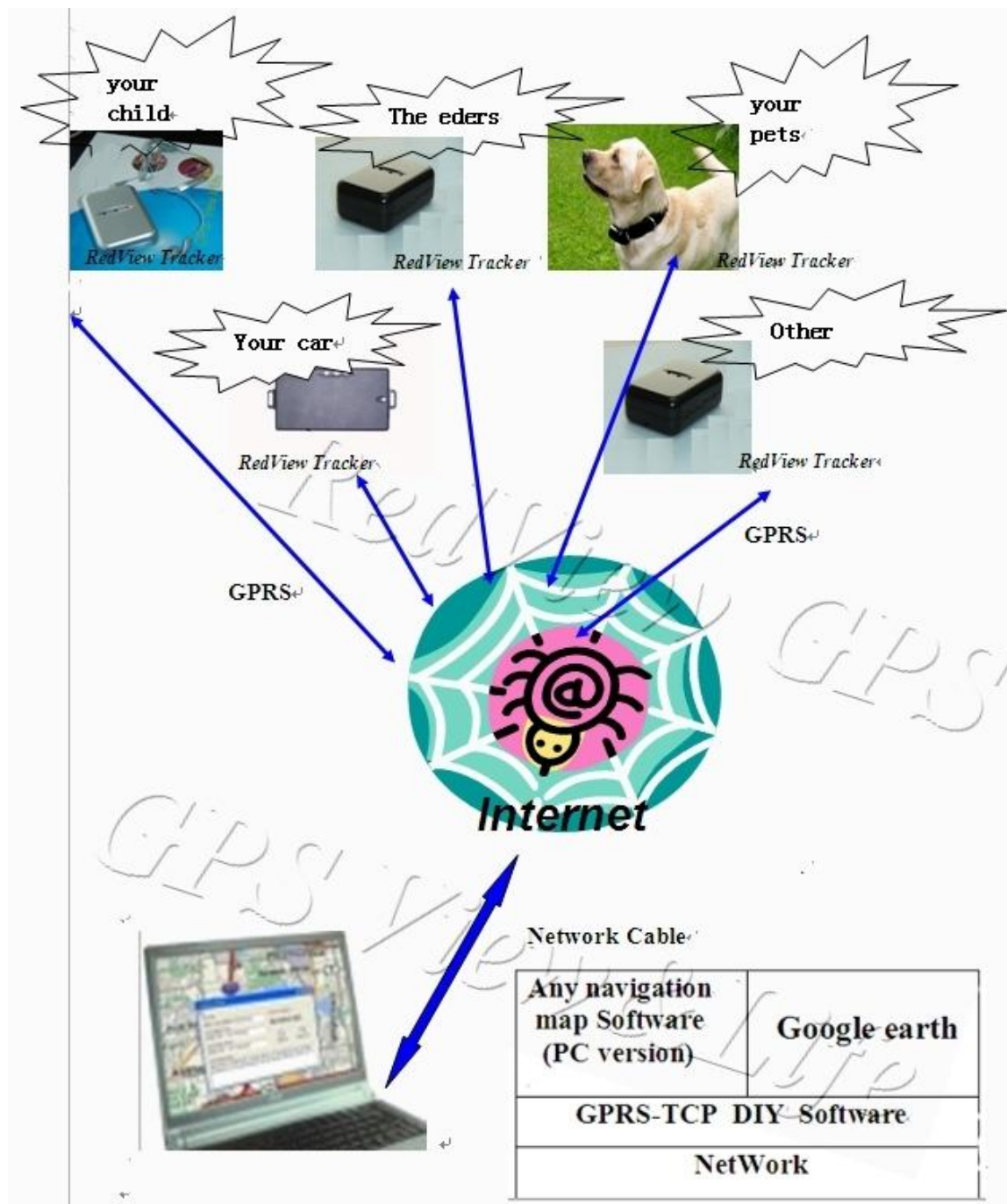
- 1 Personal
- 2 SOHO
- 3 Small Enterprise
- 4 Small Organization

To build the DIY call center system,

You NEED: ---- (*very low cost*)

- (1) Google Earth (<http://earth.google.com/products.html>)
Or any other navigation map software (PC version)
- (2) One PC connecting internet
- (3) Kiswara GPRS-TCP DIY Tracking software on PC
(one license provided by Kiswara GPS)
- (4) Virtual UART driver program
(one license provided by Kiswara GPS)
- (5) Some Kiswara Tracker Unit. (provided by Kiswara GPS)

2 Architecture



K Trouble shooting

If you find some trouble in using VT300, please refer the following:

(1) Check GPS signal is normal,

please check following issue:

- (a) **Working outdoor, VT300 can get better GPS signal;**
- (b) **Check GPS antenna is good and should be placed toward sky;**
- (c) **Charging VT300 for 3 hours for the tracker has enough power before usage**

(2) Check GSM signal is normal

- (a) **Whether the GSM network is strong enough to make the track unit work.
You can judge it by calling someone thorough your cell phone.**
- (b) **Whether the SIM card is installed correctly or not ,and try to pull out and insert SIM card as following picture shows to ensure it; try this operation a few times may help to ensure correct installation**
- (c) **Whether there is enough deposit in SIM card or not;**
- (d) **Whether your SIM card in VT300 support SMS function or not, (including send SMS and receive SMS)**
- (f) **Whether SIM card has specific requirement on cell phone or not,
for example whether the SIM card can only use in a appointed cell phone, other cell phone cannot use the SIM card**
- (g) **Whether SIM card is binding to the specific cell phone or not**
- (h) **Whether SIM card need some authorization when using it
For example, you need type one password when you use the kind of SIM cards**
- (i) **Whether the tracker has enough power to work, we strongly suggest it was charged at least 3 hours before use it**

(3) The SMS which be replied by VT300 is including the chars --- “[Last](#)”
It is indicate the GPS signal is weak.

Attachment :Worldwide APN (Access Point Name) List

Country	Mobile operator	Access point name
Argentina	Personal	gprs.personal.com
Argentina	Unifon	internet.gprs.unifon.com.ar
Australia	Telstra	telstra.internet
Australia	Optus	internet
Australia	Three	3netaccess
Australia	Vodafone	internet
Austria	Max Online	gprsinternet
Austria	One	wap.one.at
Belgium	Orange	orangeinternet
Belgium	Mobistar	web.pro.be
Belgium	Proximus	internet.proximus.be
Bermuda	AT&T	proxy
Bermuda	Mobility	net.bm
Brazil	Claro	claro.com.br
Brazil	Oi	gprs.oi.com.br
Brazil	TIM	tim.br
Bulgaria	Mobitel (Mtel)	inet-gprs.mtel.bg
Canada	Fido	internet.fido.ca
Canada	Rogers AT&T	internet.com
Chile	Entel PCS	imovil.entelpcs.cl bam.entelpcs.cl
Chile	Telefonica GSM	web.tmovil.cl
China	China Mobile	cmnet
Croatia	VIPNET	gprs.vipnet.hr
Czech Republic	Eurotel	internet
Czech Republic	Oskar	internet
Czech Republic	Oskar prepaid cards	ointernet
Czech Republic	T-Mobile	internet.t-mobile.cz

Denmark	TDCmobil	internet
Denmark	Orange	web.orange.dk
Egypt	Vodafone	internet.vodafone.net
Dominican Republic	Orange Dominicana	orangenet.com.do
Finland	Telia Mobile	internet
Finland	DNA	internet
Finland	Sonera	internet
Finland	Radiolinja	internet
Finland	Saunalahti	saunalahti
France	Orange	orange.fr
France	SFR	websfr
France	Bouygues Telecom	eBouygTel.com
Germany	D2 Vodafone	web.vodafone.de
Germany	E-Plus	internet.eplus.de
Germany	O2	internet
Germany	Quam	quam.de
Germany	T-Mobile D1	internet.t-d1.de
Greece	Vodafone	internet.vodafone.gr
Greece	Telestet	gint.b-online.gr
Greece	Cosmote	internet
Hungary	Vodafone (Prepaid "Optimized")	vitamax.internet.vodafone.net
Hungary	Vodafone (Prepaid "Standard")	vitamax.snet.vodafone.net
Hungary	Vodafone (Postpaid "Optimized")	internet.vodafone.net
Hungary	Vodafone (Postpaid "Standard")	standardnet.vodafone.net
Hong Kong	CSL	internet
Hong Kong	Orange	web.orangehk.com
Hong Kong	New World	internet
Hong Kong	People	internet
Hong Kong	SmarTone	internet

Hong Kong	Sunday	internet
India	Orange, Hutch	www
Iceland	Siminn	gprs.simi.is
India	BPL Mobile	bplgprs.com
India	Airtel	airtelgprs.com
Indonesia	Telkomsel	internet
Ireland	O2	internet
Ireland	Vodafone	live.vodafone.com
Israel	Cellcom	internetg
Israel	Orange	internet
Italy	TIM	uni.tim.it ibox.tim.it
Italy	Vodafone Omnitel	web.omnitel.it
Italy	Wind	internet.wind
Latvia	Latvia Mobile Telefone	internet.lmt.lv
Luxembourg	LUXGSM	web.pt.lu
Luxembourg	Tango	internet
Malaysia	Celcom	celcom.net.my
Mexico	Movistar	internet.movistar.mx
Mexico	Telcel	internet.itelcel.com
Montenegro	Monet	gprs.monetcg.com
Netherlands	T-Mobile	internet
Netherlands	KPM Mobile	internet
Netherlands	Orange	internet
Netherlands	O2	internet
Netherlands	Vodafone (normal)	web.vodafone.nl
Netherlands	Vodafone (business)	office.vodafone.nl
New Zealand	Vodafone NZ	www.vodafone.net.nz
Norway	Netcom	internet.netcom.no

Norway	Telenor	internet
Pakistan	UFone	ufone.internet
Paraguay	Personal	internet
Paraguay	Tigo	internet.tigo.py
Philippines	Smart	internet
Philippines	Globe	internet.globe.com.ph
Poland	Era	erainternet
Poland	Idea	www.idea.pl
Poland	PlusGSM	www.plusgsm.pl
Portugal	Optimus	internet
Portugal	TMN	internet
Portugal	Vodafone (Telcel)	internet.vodafone.pt
Romania	Connex	internet.connex.ro
Romania	Orange	internet
Russia	BeeLine	internet.beeline.ru
Russia	Megafon	internet.nw
Russia	MTS	internet.mts.ru
Russia	PrimTel	internet.primtel.ru
Saudi Arabia	Saudi Telecom	Jawalnet.com.sa
Serbia-Montenegro	Mobtel Srbija	internet
Serbia-Montenegro	Telekom Srbija	gprsinternet
Singapore	M1	sunsurf
Singapore	Singtel	internet
Singapore	Starhub	shwapint
Slovakia	Eurotel	internet
Slovakia	Orange	internet
South Africa	MTN	internet
Spain	Amena	amenawap

Spain	Telefonica (Movistar)	movistar.es
Spain	Vodafone	airtelnet
Sweden	Telia	online.telia.se
Sweden	Vodafone SE	internet.vodafone.net
Switzerland	Swisscom	gprs.swisscom.ch
Switzerland	Orange CH	internet
Switzerland	sunrise	internet
Switzerland	UMC	www.umc.ua
Taiwan	Chunghwa Telecom	internet
Taiwan	Far EasTone	fetnet01
Taiwan	KG Telecom	internet
Taiwan	Taiwan Cellular	internet
Thailand	AIS	internet
Thailand	DTAC	www.dtac.co.th
Turkey	Avea	internet
Turkey	Aycell	aycell
Turkey	Telsim	telsim
Turkey	Turkcell	internet
UK	Jersey Telecom	pepper
UK	O2	mobile.o2.co.uk
UK	T-Mobile	general.t-mobile.co.uk
UK	Vodafone UK	internet
UK	Orange	orangeinternet
Ukraine	Kyivstar GSM	www.kyivstar.net
Ukraine	UMC	www.umc.ua
USA	T-Mobile	internet2.voicestream.com
USA	AT&T	proxy
USA	Cingular	isp.cingular
Venezuela	Digital TIM	gprswb.digital.ve